

What is claimed is:

1. A method for supporting a data exchange between  
5 terminal equipment and a mobile communication network  
via a mobile terminal, said method comprising at said  
mobile terminal:  
receiving from said terminal equipment a request  
to establish a connection to said mobile  
10 communication network for exchanging data;  
forwarding said request to said mobile  
communication network; and  
in case a failure occurs concerning said requested  
connection and an indication of a cause of said  
15 failure is received from said mobile communication  
network, forwarding said indication to said terminal  
equipment.
2. The method according to claim 1, wherein said failure  
20 is a failure resulting in a rejection of said request  
to said mobile communication network to establish a  
connection, said indication being an indication of a  
cause of said rejection.
- 25 3. The method according to claim 1, wherein said failure  
is a failure resulting in a release of a connection  
established between said mobile terminal and said  
mobile communication network upon said request to  
establish a connection, said indication being an  
30 indication of a cause of said release.
4. The method according to claim 1, further comprising  
at said terminal equipment receiving said indication  
of a cause of a failure from said mobile terminal and

presenting a corresponding information to a user of said terminal equipment.

5. The method according to claim 1, further comprising  
5 at said terminal equipment receiving said indication of a cause of a failure from said mobile terminal and storing said indication for further use.
6. The method according to claim 1, wherein said  
10 terminal equipment is connected to said mobile terminal by a point-to-point protocol connection and wherein said mobile terminal forwards said indication of a cause of a failure in a data field of a link control protocol packet.
- 15 7. A mobile terminal comprising:  
a transceiver enabling an exchange of signals with a mobile communication network;  
an interface enabling an exchange of signals with  
20 other devices; and  
a processing component for receiving from terminal equipment via said interface a request to establish a connection to a mobile communication network for exchanging data, for forwarding said request to a  
25 mobile communication network via said transceiver, and in case a failure occurs concerning said connection and an indication of a cause of said failure is received from said mobile communication network, for forwarding said indication to said  
30 terminal equipment.
8. Terminal equipment comprising:  
an interface enabling an exchange of signals with other devices; and

a processing component for requesting a mobile terminal via said interface to establish a connection to a mobile communication network, for receiving from a mobile terminal an indication of a cause of a failure concerning a requested connection and for processing a received indication of a cause of a failure.

9. Terminal equipment according to claim 8, further comprising a user interface, wherein said processing component is enabled to process a received indication of a cause of a failure by presenting a corresponding information to a user via said user interface.

10. Terminal equipment according to claim 8, further comprising a storing component, wherein said processing component is enabled to process a received indication of a cause of a failure by storing said received indication in said storing component for a later evaluation.

11. A system comprising a mobile communication network, a mobile terminal and terminal equipment,  
said mobile terminal including:  
a transceiver enabling an exchange of signals with said mobile communication network;  
an interface enabling an exchange of signals with said terminal equipment; and  
a processing component for receiving from terminal equipment via said interface a request to establish a connection to a mobile communication network for exchanging data, for forwarding said request to a mobile communication network via said transceiver, and in case a failure occurs concerning said

connection and an indication of a cause of said failure is received from said mobile communication network, for forwarding said indication to said terminal equipment, and

5           said terminal equipment including:

          an interface enabling an exchange of signals with said mobile terminal; and

          a processing component for requesting a mobile terminal via said interface to establish a connection to a mobile communication network, for receiving from a mobile terminal an indication of a cause of a failure concerning a requested connection and for processing a received indication of a cause of a failure.

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12. A software program product in which a software code for supporting a data exchange between terminal equipment and a mobile communication network via a mobile terminal is stored, said software code realizing the following steps when running in a processing component of a mobile terminal:

20           receiving from a mobile communication network an indication of a cause of a failure concerning a connection which has been requested by terminal equipment via said mobile terminal; and

25           forwarding said indication to said terminal equipment.